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Docket No.: M4065.0454/P454  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Jerome Eldridge, et al.

Application No.: 09/929,350

Group Art Unit: N/A

Filed: August 15, 2001

Examiner: Not Yet Assigned

For: INTERNAL HYDROGEN SOURCES FOR  
HEAT CONDUCTIVE PACKAGING OF LOW  
DIELECTRIC CONSTANT  
SEMICONDUCTOR CHIPS, AND METHOD  
OF PROVIDING HYDROGEN THEREFOR

**SUBMISSION OF POWER OF ATTORNEY BY ASSIGNEE AND CERTIFICATE  
BY ASSIGNEE UNDER 37 CFR §3.73(B)**

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Enclosed for filing in connection with the above-referenced United States Patent Application are the following:

1. Executed Power of Attorney by Assignee and Certificate by Assignee Under 37 C.F.R. §3.73(b); and
2. Copy of executed Assignment and Agreement.

The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account 04-1073.

Dated: September 14, 2001

Respectfully submitted,

By 

Thomas J. D'Amico  
Registration No.: 28,371  
DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP  
2101 L Street NW  
Washington, DC 20037-1526  
(202) 828-2232  
Attorneys for Applicant



Micron Docket No.: 00-1119  
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METHOD OF PROVIDING HYDROGEN  
THEREFOR

**POWER OF ATTORNEY BY ASSIGNEE AND  
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(B)**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

Micron Technology, Inc., Assignee of the entire right, title and interest in the above-identified application by virtue of the Assignment attached hereto (copy attached), hereby appoints the attorneys and agents of the firm of Dickstein Shapiro Morin & Oshinsky LLP located at 2101 L Street NW, Washington, DC 20037-1526, listed as follows:

Gary M. Hoffman	26,411	Laurence E. Fisher	37,131	Gianni Minutoli	41,198
Thomas J. D'Amico	28,371	John C. Luce	34,378	Michael Bergman	42,318
Donald A. Gregory	28,954	William E. Powell, III	39,803	Mark E. Strickland	45,138
James W. Brady, Jr.	32,115	Patrick T. Skacel	47,948	Salvatore P. Tamburo	45,153
Jon D. Grossman	32,699	Gary L. Veron	39,057	Peter Veytsman	45,920
Mark J. Thronson	33,082	Mialecka C. Williams-Bibbs	48,037	Christopher S. Chow	46,493
Eric Oliver	35,307	Jeremy A. Cubert	40,399		

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and also, listed as follows:

Michael Lynch	30,871	David Paul	34,692	Charles Brantley	38,086
Kevin Martin	37,882	Walter Fields	37,130		

attorneys of Micron Technology, Inc. as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.


The Assignee certifies that the above-identified assignment has been reviewed and to the best of the Assignee's knowledge and belief, title is in the Assignee.

Please direct all correspondence regarding this application to the following:

Thomas J. D'Amico  
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  
2101 L Street NW  
Washington, DC 20037-1526  
Telephone: (202) 785-9700  
Fax: (202) 887-0689

Respectfully submitted,

MICRON TECHNOLOGY, INC.

  
\_\_\_\_\_  
Michael L. Lynch  
Chief Patent Counsel  
Registration No. 30,871

Dated: \_\_\_\_\_

8-16-01

## ASSIGNMENT AND AGREEMENT **COPY**

For value received, we, Jerome M. Eldridge and Paul A. Farrar, hereby sell, assign and transfer to Micron Technology, Inc., a corporation of the State of Delaware, having an office at 8000 S. Federal Way, Boise, Idaho 83706-9632, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to an invention entitled INTERNAL HYDROGEN SOURCES FOR HEAT CONDUCTIVE PACKAGING OF LOW DIELECTRIC CONSTANT SEMICONDUCTOR CHIPS, AND METHOD OF PROVIDING HYDROGEN THEREFOR, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Micron Technology, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Micron Technology, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Micron Technology, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

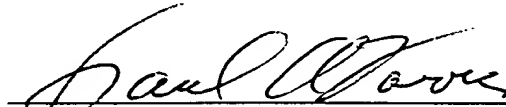
We request that any and all patents for said inventions be issued to Micron Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Micron Technology, Inc. may designate.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT AND AGREEMENT

Signature Page for Second Inventor

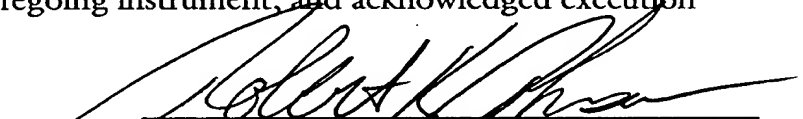
COPY

  
Paul A. Farrar

Date: Aug 14, 2001

United States of America )  
State of Vermont ) ss.:  
County of Chittenden )

On this 14 day of August, 2001, before me  
personally came Paul A. Farrar, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
Notary Public

We agree that, when requested, we shall, without charge to Micron Technology, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

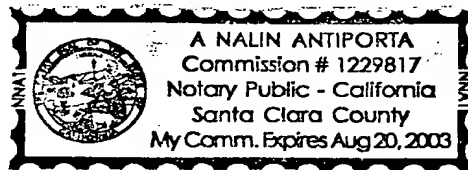
COPY

Jerome M. Eldridge  
Jerome M. Eldridge

Date: \_\_\_\_\_

United States of America )  
State of CALIFORNIA ) ss.:  
County of SANTA CLARA )

On this 13th day of August, 2001, before me personally came Jerome M. Eldridge, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



A. Nalin Antiporta  
Notary Public

COPY

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

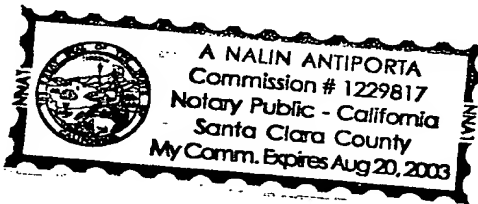
State of California

County of SANTA CLARA } ss.

On AUG. 13, 2001, before me, A. NALIN ANTIPORTA, NOTARY PUBLIC,  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JEROME M. ELDRIDGE.  
Name(s) of Signer(s)

☐ personally known to me  
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Place Notary Seal Above

A. Nalin Antiporta  
Signature of Notary Public

**OPTIONAL**

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

**Description of Attached Document**

Title or Type of Document: Declaration for Patent Application

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**

Signer's Name: \_\_\_\_\_  
☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

